



**FACILITY PERMIT TO CONSTRUCT  
BP WEST COAST PROD. LLC BP CARSON REF.**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**  
The operator shall comply with the terms and conditions set forth below:

<b>PROCESS 11</b>		<b>SYSTEM 1</b>		
<b>BLENDING</b>		<b>GASOLINE BLENDING UNIT</b>		
<b>[EXISTING EQUIPMENT]</b>		<b>System Conditions: S13.2, S56.1</b>		
<b>Equipment</b>	<b>ID No.</b>	<b>Connected To</b>	<b>Emissions and Requirements</b>	<b>Conditions</b>
STORAGE TANK, NO. 981, DIESEL CONDUCTIVITY ADDITIVE  A/N 438984	D730			H23.30
STORAGE TANK, FIXED ROOF, HOLDING AND TRANSFER, RPV 2940, WITH INTERNAL JET MIXER, 500 GALS; DIAMETER; 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D739			E336.2, H23.28
STORAGE TANK, RPV-2941, NO. 1, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D740			E336.2, H23.28
STORAGE TANK, FIXED ROOF, RPV-2942, NO. 2, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D741			E336.2, H23.28
STORAGE TANK, FIXED ROOF, RPV-2943, NO. 3, 500 GALS, DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D742			E336.2, H23.28



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STORAGE TANK, FIXED ROOF, RPV-5485, NO. 4, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D743			<u>E336.2,</u> <u>H23.28</u>
STORAGE TANK, FIXED ROOF, RPV-5486, NO. 5, 500 GALS; DIAMETER: 4 FT 6 IN; HEIGHT: 4 FT 6 IN  A/N 438984	D744			E336.2, H23.28
STORAGE TANK, FIXED ROOF, RECOVERY, RPV 2944, 250 GALS; DIAMETER: 3 FT; HEIGHT: 6 FT 6 IN  A/N 438984	D745			E336.2
TEST CELL, ENGINE, RW 0106 158.03, NO. 3, OCTANE, 4 H.P.  A/N <del>475066</del> 438984	D752			
TEST CELL, ENGINE, RW 0107 158.03, NO. 4, OCTANE, 4 H.P.  A/N 438984	D753			
STORAGE TANK, FIXED ROOF, NO. 278, ADDITIVE, COCKTAIL MIX, 560 BBL; DIAMETER: 15 FT; HEIGHT: 18 FT  A/N: 438984	D1620		<b>HAP: (10) [40CFR 63 Subpart CC, #2, 6-23- 2003]</b>	
FUGITIVE EMISSIONS, MISCELLANEOUS  A/N 438984	D2508		<b>HAP: (10) [40CFR63 Subpart CC, #5A, 6-23-2003]</b>	H23.3

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:



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Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

#### [Rule 1123, 12-7-1990]

[Systems subject to this condition: Process 11, System 1]

S56.1 Vent gases from all affected devices of this process/system shall be directed to a gas recovery system, except for the venting of gases from equipment specifically identified in a permit condition, and for the following events for which vent gases may be directed to a flare:

- 1) Vent gases resulting from an Emergency as defined in Rule 1118 ;
- 2) Vent gases resulting from Planned Shutdowns, Startups and/or Turnarounds as defined in Rule 1118, provided that the owner/operator follows the applicable options and any associated limitations to reduce flaring that were identified, evaluated and most recently submitted by the owner/operator to the Executive Officer pursuant to Rule 1118, or any other option(s) which reduces flaring for such planned events; and
- 3) Vent gases due to and resulting from an Essential Operational Need, as defined in Rule 1118.

The evaluation of options to reduce flaring during Planned Shutdowns, Startups and/or Turnarounds shall be updated annually to reflect any revisions, and submitted to the Executive Officer in the first quarter of each year, but no later than March 31st of that year.

This process/system shall not be operated unless its designated flare(s) are in full use and have valid permits to receive vent gases from this process/system.

Vent gases shall not be released to the atmosphere except from the existing safety devices or relief valves on the following equipment:

1. Process 1, System 2: 10, 12, 14
2. Process 1, System 3: 19, 20, 24 to 26, 39
3. Process 1, System 5: 41, 42, 2726
4. Process 1, System 6: 43, 49, 57, 58
5. Process 1, System 7: 59, 60, 61, 62
6. Process 2, System 1: 74, 77, 2388
7. Process 2, System 2: 82, 89, 90, 92, 2389
8. Process 2, System 3: 94, 95
9. Process 2, System 5: 98, 101, 102



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10. Process 2, System 6: 111, 112, 113
11. Process 2, System 11: 159, 160
12. Process 3, System 1: 164 to 167, 170, 172 to 181, 184, 1336 to 1349, 2382, 2387
13. Process 3, System 2: 186, 188, 189, 191, 196, 199, 201, 204, 1352 to 1355
14. Process 3, System 4: 241
15. Process 3, System 6: 242, 245 to 247, 249
16. Process 3, System 7: 1363
17. Process 4, System 1: 253 to 256, 258, 262, 265, 266, 277, 278, 283, 287, 1364, 1366, 1367, 1372, 1374 to 1376, 1378 to 1381
18. Process 4, System 2: 291, 1400 to 1403
19. Process 4, System 3: 292, 293, 299
20. Process 4, System 4: 302, 304
21. Process 4, System 5: 308, 310, 311
22. Process 4, System 7: 1975, 1977, 1980
23. Process 5, System 1: 314 to 317, 319, 320, 323 to 332
24. Process 5, System 2: 335 to 338, 340, 343, 348 to 353
25. Process 5, System 3: 356, 360, 1413
26. Process 5, System 4: 401, 406, 407, 412, 414
27. Process 6, System 1: 426, 427, 429, 431, 434, 435, 437, 440, 444, 445, 455 to 456, 458, 460
28. Process 6, System 2: 462, 469, 474 to 475, 477 to 481, 483, 486
29. Process 6, System 3: 490, 494, 495, 498, 501, 503, 506, 507, 509, 510, 512, 513, 518, 520, 521, 525 to 528
30. Process 7, System 1: 542 to 548, 550, 552 to 558, 560, 562 to 569
31. Process 7, System 2: 2892, 2893
32. Process 8, System 1: 593 to 597
33. Process 8, System 2: 608, 610, 612 to 614, 622, 624
34. Process 9, System 1: 631, 632, 638 to 652, 659 to 663, 666 to 668, 1482, 1483, 1486 to 1488, 1491, 1493 to 1495, 1497 to 1502, 1528, 1533 to 1536, 2019
35. Process 9, System 2: 672 to 681, 685
36. Process 9, System 9: 637, 653, 656, 658, 664
37. Process 10, System 1: 706
38. Process 10, System 2: 709, 711 to 715, 720, 721
39. Process 10, System 3: 725
40. Process 11, System 1: 730, 1620
41. Process 12, System 1: 756, 759
42. Process 12, System 2: 760 to 762, 764
43. Process 12, System 3: 765 to 770
44. Process 12, System 4: 771, 772, 774
45. Process 12, System 8: 785, 790, 2365, 2366



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The operator shall comply with the terms and conditions set forth below:

- 46. Process 12, System 9: 794, 797 to 799
- 47. Process 12, System 10: 806
- 48. Process 12, System 12: 815, 818
- 49. Process 12, System 13: 823, 828
- 50. Process 12, System 16: 830
- 51. Process 12, System 17: 832
- 52. Process 12, System 22: 853, 854
- 53. Process 12, System 24: 860, 861, 863, 864, 865
- 54. Process 12, System 25: 866, 867, 869, 870, 871, 2003
- 55. Process 12, System 27: 873 to 875
- 56. Process 15, System 7: 1644 to 1646, 1648, 1649
- 57. Process 16, System 3: 1986, 2115 to 2120, 2353, 2394
- 58. Process 21, System 1: 1304
- 59. Process 21, System 2: 1307
- 60. Process 21, System 4: 1315, 1316, 1319, 1323 to 1325, 1659

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]**

[Systems subject to this condition: Process 11, System 1]

E336.2 The operator shall vent the vent gases from this equipment as follows: All vent gases under normal operating conditions shall be directed to a vapor recovery system. This equipment shall not be operated unless the vapor recovery system (consisting of three compressors operated independently or concurrently at any given time) is in full use and has a valid permit to receive vent gases from this equipment.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition: D739, D740, D741, D742, D743, D744, D745]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGG

**[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; 40 CFR 60 Subpart GGG, 6-2-2008]**

[Devices subject to this condition: D2508]



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The operator shall comply with the terms and conditions set forth below:

H23.28 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

[RULE 463, 5-6-2005]

[Devices subject to this condition: D739, D740, D741, D742, D743, D744]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	EEEE

[40 CFR 60 Subpart EEEE, 7-28-2006]

[Devices subject to this condition: D730]